

determining an average silence volume during the pauses;  
determining an average word volume for the words;  
calculating a difference between the average word volume and the  
average silence volume;  
recognizing speech when the difference between the average word  
volume and the average silence volume is greater than a  
predetermined threshold;

16. The method according to claim 15, further comprising the step of  
measuring the average silence volume and the average word volume as a logarithm  
via an acquired energy.

17. The method according to claim 16, further comprising the steps of  
calculating the global difference between the average word volume of a plurality of  
segmented words and the average silence volume of a plurality of segmented pauses,  
and defining a threshold on the basis of the global difference.

18. The method according to claim 17, further comprising the step of equating  
the threshold with the global difference.

19. The method according to claim 17, further comprising the step of  
diminishing the global difference by a constant predetermined amount and deriving  
therefrom a volume amount as the threshold.

20. The method according to claim 16 further comprising the step of employing a constant threshold.

21. The method according to claim 20, wherein a word for which no speech recognition is implemented is not taken into further consideration.

22. The method according to claim 21 wherein a message is output to a user when no speech recognition is implemented.

23. The method according to claim 22, further comprising the step of prompting a user with a message to speak louder and/or to repeat an unrecognized word.

24. The method according to claim 23, further comprising the step of prompting a user with a message to speak louder so that an adequate distance is achieved between the average word volume and the average silence volume.

25. The method according to claim 24, further comprising the steps of determining the average silence volume for an individual pause and determining the difference between the average word volume and the average silence volume of an immediately preceding pause or an immediately following pause.

26. The method according to claim 25, further comprising the steps of averaging the average silence volume over a plurality of successive pauses and employing the average in the determination of the difference between the average word volume and the average silence volume.

27. The method according to claim 26, further comprising the steps of preparing an n-best list and a difference between the average word volume of individual spoken words, allocating the average silence volume to each word of the n-best list, and determining the word to be inserted into the text from the n-best list according to a criterion of the difference between the average word volume of the individual spoken words and the average silence volume.

28. A system for speech recognition comprising:

a processor unit configured to determine words and pauses in the speech on the basis of word boundaries, an average silence volume during the pauses, an average word volume for the words, and a difference between the average word volume and the average silence volume; whereby speech is recognized when the difference between the average word volume and the average silence volume is greater than a predetermined threshold. - -

IN THE ABSTRACT

Cancel the Abstract as filed and substitute therefore the following Abstract of the

Disclosure: